

### Claims

1. Stable aqueous solution containing nucleoside triphosphates, wherein the pH value of the solution is above ca. 7.5.
2. Stable aqueous solution as claimed in claim 1, wherein the nucleoside triphosphates are modified nucleoside triphosphates.
3. Stable aqueous solution as claimed in claim 1 or 2, wherein the pH value is in a range between 7.5 and 11.
4. Stable aqueous solution as claimed in claim 1, 2 or 3, wherein the concentration of the nucleoside triphosphates is ca. 2 to 200 mmol/l.
5. Stable aqueous solution as claimed in one of the claims 1 to 4, wherein the solution contains deoxy-nucleoside triphosphates.
6. Stable aqueous solution as claimed in claims 1 to 5 containing a substance which buffers at or above pH 7.5.
7. Stable aqueous solution as claimed in claims 1 to 6 which are free of further stabilizing agents.

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8. Use of a stable aqueous solution as claimed in claims 1 to 7 for a DNA and/or RNA synthesizing reaction.
9. Use of a stable aqueous solution as claimed in claims 1 to 7 to replicate DNA and/or RNA sequences or fragments.
10. Use of a stable aqueous solution as claimed in claims 1 to 7 to specifically replicate nucleic acid fragments in the presence of an enzyme with reverse transcriptase activity.
11. Use of a stable aqueous solution as claimed in claims 1 to 7 for the cycle sequencing of nucleic acids.
12. Use of a stable aqueous solution as claimed in claims 1 to 7 for the specific replication of deoxynucleic acid sequences or fragments.
13. Use of a stable aqueous solution as claimed in claims 1 to 7 for random priming.
14. Use of a stable aqueous solution as claimed in claims 1 to 7 for nick translation.

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